BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

M.A.R.57(Rule116),Measurement book

Name of the work: **Modified Estimate for Improvements to Roads, Drains and Drilling Borewells in ward No 09, 10 & 11 of Vidyaranyapura sub Division.**

Name of contractor of nature of agency: Sri. Akankar K.B, # 12, MSV Network Road, near Shobha Apartment, Amruthahalli, Sahakaranagara (p), Bangalore – 560 092.

Date of commencement of work: 01.06.2017

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
2	KSRRB M200-12.2 : Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead and lead of 10000 meters complete as per specifications. lime/cement concrete, I.by manual means B. cement concrete grade M-15 & M-20. **No. 136 / Item No. 18.18 /**	Cum									
			Thindlu colony								
			Dismantling of existing structures								
			From 1st cross(North side)		0.00	2.70					
				1x1	13.40	2.50	2.60	0.20	6.97		
			1st cross(South side)		0.00	3.30			0.00		
				1x1	15.00	3.30	3.30	0.20	9.90		
				1x1	12.10	2.80	3.05	0.20	7.38		
			2nd cross(South side)		0.00	2.70			0.00		
				1x1	15.00	2.20	2.45	0.20	7.35		
				1x1	10.90	2.30	2.25	0.20	4.91		
			3rd cross(North side)		0.00	3.50			0.00		
				1x1	15.00	3.40	3.45	0.20	10.35		
			3rd cross(South side)		0.00	4.10			0.00		
				1x1	15.00	3.70	3.90	0.20	11.70		

AE 9/5/2017

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	4.70	3.30	3.50	0.20	3.29		
			4th cross(North side)		0.00	4.10			0.00		
				1x1	19.90	3.30	3.70	0.20	14.73		
				1x1	7.40		1.50	0.20	2.22		
				1x1	5.20		1.10	0.20	1.14		
			4th cross(South side)		0.00	3.70			0.00		
				1x1	20.60	3.40	3.55	0.20	14.63		
				1x1	1.00		2.00	0.20	0.40		
			5th cross(North side)		0.00	3.90			0.00		
				1x1	23.40	4.00	3.95	0.20	18.49		
			5th cross(South side)		0.00	4.00			0.00		
				1x1	30.50	2.85	3.43	0.20	20.89		
			6th cross(North side)		0.00	5.50			0.00		
				1x1	26.60	3.30	4.40	0.20	23.41		
			6th cross(South side)		0.00	4.40			0.00		
				1x1	28.00	2.70	3.55	0.20	19.88		
					1.00		2.00	0.20	0.40		
			7th cross(North side)		0.00	3.00			0.00		
				1x1	30.00	3.70	3.35	0.20	20.10		
			7th cross(South side)		0.00	2.70			0.00		
				1x1	15.70	2.50	2.60	0.20	8.16		
			8th cross(North side)		0.00	3.30			0.00		
				1x1	30.30	3.30	3.30	0.20	20.00		
			8th cross(South side)		0.00	4.00			0.00		
				1x1	17.90	3.00	3.50	0.20	12.53		
			9th cross(North side)		0.00	3.50			0.00		
				1x1	19.90	2.80	3.15	0.20	12.54		
			9th cross(South side)		0.00	4.30			0.00		
				1x1	27.00	3.70	4.00	0.20	21.60		
			COLONY MAIN ROAD						0.00		
					0.00	3.70			0.00		
				1x1	14.00	3.70	3.70	0.20	10.36		
					0.00	4.00			0.00		
				1x1	16.00	4.00	4.00	0.20	12.80		
				1x1	15.00	3.50	3.75	0.20	11.25		
				1x1	15.00	3.50	3.50	0.20	10.50		

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Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	15.00	3.50	3.50	0.20	10.50		
				1x1	15.00	3.75	3.63	0.20	10.88		
				1x1	15.00	3.75	3.75	0.20	11.25		
				1x1	25.00	5.00	4.38	0.20	21.88		
								Total	**372.37**	387.24	**144194.82**
3	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 141 / Item No. 19.1 / PWD SR 2015-16**	Cum	**Desilting of drains**								
			from (Vidyaranyapura Last bus stop to Durga temple Joining Road								
			left side drain	9x1	30.00		0.45	0.30	36.45		
				1x1	28.30		0.45	0.35	4.46		
			right side drain	9x1	30.00		0.45	0.35	42.53		
				1x1	28.30		0.45	0.30	3.82		
			Basavasamithi layout								
			2nd 'A' cross	2x1	0.00		0.45	0.40	0.00		
				2x1	30.00		0.45	0.35	9.45		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.40	10.80		
				2x1	7.20		0.45	0.35	2.27		
			2nd 'B' cross	2x1	0.00		0.45	0.40	0.00		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.35	9.45		
				2x1	18.00		0.45	0.40	6.48		
			2nd 'C' cross	2x1	0.00		0.45	0.30	0.00		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.40	10.80		
				2x1	15.50		0.45	0.35	4.88		
			2nd 'D' cross	2x1	0.00		0.45	0.40	0.00		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				2x1	30.00		0.45	0.35	9.45		
				2x1	30.00		0.45	0.30	8.10		
				2x1	18.00		0.45	0.45	7.29		
			2nd cross road(rightside)	2x1	0.00		0.45	0.35	0.00		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.45	12.15		
				2x1	2.80		0.45	0.30	0.76		
			2nd cross road(lefttside)	2x1	0.00		0.45	0.30	0.00		
				2x1	30.00		0.45	0.45	12.15		
				2x1	15.30		0.45	0.35	4.82		
			L.G.Enclave layout								
			1st cross	2x1	0.00		0.45	0.45	0.00		
				2x1	30.00		0.45	0.35	9.45		
				2x1	23.00		0.45	0.30	6.21		
			2nd cross	2x1	0.00		0.45	0.40	0.00		
				2x1	30.00		0.45	0.35	9.45		
				2x1	20.70		0.45	0.30	5.59		
			3rd cross	2x1	0.00		0.45	0.45	0.00		
				2x1	30.00		0.45	0.30	8.10		
				2x1	27.50		0.45	0.40	9.90		
			Main road	2x1	0.00		0.45	0.35	0.00		
				2x1	30.00		0.45	0.25	6.75		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.50	13.50		
				2x1	30.00		0.45	0.40	10.80		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.45	12.15		
				2x1	28.10		0.45	0.30	7.59		
			Ganesh layout Main road								
				2x1	23.90		0.45	0.35	7.53		
				2x1	23.30		0.45	0.45	9.44		
				2x1	26.00		0.45	0.30	7.02		
				2x1	30.00		0.45	0.30	8.10		
				2x1	27.00		0.45	0.35	8.51		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				2x1	30.00		0.45	0.40	10.80		
				2x1	30.00		0.45	0.35	9.45		
				2x1	30.00		0.45	0.30	8.10		
				2x1	30.00		0.45	0.45	12.15		
				2x1	30.00		0.45	0.30	8.10		
				2x1	10.00		0.45	0.40	3.60		
			Thindlu Govt Hospital to GKVK Double road								
				2x1	30.00		0.60	0.35	12.60		
				2x1	30.00		0.60	0.30	10.80		
				2x1	30.00		0.60	0.40	14.40		
				2x1	30.00		0.60	0.35	12.60		
				2x1	30.00		0.60	0.40	14.40		
				2x1	30.00		0.60	0.30	10.80		
				2x1	30.00		0.60	0.45	16.20		
				2x1	30.00		0.60	0.30	10.80		
				2x1	30.00		0.60	0.35	12.60		
				2x1	20.10		0.60	0.40	9.65		
									578.02		
			Berm Cutting(Vidyaranyapura Last bus stop to Durga temple Joini								
			North Side	9x1	30.00		0.90	0.25	60.75		
				1x1	28.30		0.80	0.20	4.53		
			South Side	9x1	30.00		0.90	0.20	48.60		
				1x1	28.30		0.85	0.30	7.22		
			For New Drain Ward No. 09								
			Basavasamithi 2nd Cross R/S	3	30.00		1.00	1.00	90.00		
			Thindlu GKVK Joining Road	1	30.00		1.00	1.00	30.00		
				1	20.00		1.00	1.00	20.00		
			Thindlu Colony	1	30.00		1.80	1.20	64.80		
			For CC Road Work Thindlu Colony								
			From 1st cross(North side)		0.00	2.70					
				1x1	13.40	2.50	2.60	0.20	6.97		
			1st cross(South side)		0.00	3.30			0.00		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	15.00	3.30	3.30	0.20	9.90		
				1x1	12.10	2.80	3.05	0.20	7.38		
			2nd cross(South side)		0.00	2.70			0.00		
				1x1	15.00	2.20	2.45	0.20	7.35		
				1x1	10.90	2.30	2.25	0.20	4.91		
			3rd cross(North side)		0.00	3.50			0.00		
				1x1	15.00	3.40	3.45	0.20	10.35		
			3rd cross(South side)		0.00	4.10			0.00		
				1x1	15.00	3.70	3.90	0.20	11.70		
				1x1	4.70	3.30	3.50	0.20	3.29		
			4th cross(North side)		0.00	4.10			0.00		
				1x1	19.90	3.30	3.70	0.20	14.73		
				1x1	7.40		1.50	0.20	2.22		
				1x1	5.20		1.10	0.20	1.14		
			4th cross(South side)		0.00	3.70			0.00		
				1x1	20.60	3.40	3.55	0.20	14.63		
				1x1	1.00		2.00	0.20	0.40		
			5th cross(North side)		0.00	3.90			0.00		
				1x1	23.40	4.00	3.95	0.20	18.49		
			5th cross(South side)		0.00	4.00			0.00		
				1x1	30.50	2.85	3.43	0.20	20.89		
			6th cross(North side)		0.00	5.50			0.00		
				1x1	26.60	3.30	4.40	0.20	23.41		
			6th cross(South side)		0.00	4.40			0.00		
				1x1	28.00	2.70	3.55	0.20	19.88		
					1.00		2.00	0.20	0.40		
			7th cross(North side)		0.00	3.00			0.00		
				1x1	30.00	3.70	3.35	0.20	20.10		
			7th cross(South side)		0.00	2.70			0.00		
				1x1	15.70	2.50	2.60	0.20	8.16		
			8th cross(North side)		0.00	3.30			0.00		
				1x1	30.30	3.30	3.30	0.20	20.00		
			8th cross(South side)		0.00	4.00			0.00		
				1x1	17.90	3.00	3.50	0.20	12.53		
			9th cross(North side)		0.00	3.50			0.00		
				1x1	19.90	2.80	3.15	0.20	12.54		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
			9th cross(South side)		0.00	4.30			0.00		
				1x1	27.00	3.70	4.00	0.20	21.60		
			COLONY MAIN ROAD						0.00		
					0.00	3.70			0.00		
				1x1	14.00	3.70	3.70	0.20	10.36		
					0.00	4.00			0.00		
				1x1	16.00	4.00	4.00	0.20	12.80		
				1x1	15.00	3.50	3.75	0.20	11.25		
				1x1	15.00	3.50	3.50	0.20	10.50		
				1x1	15.00	3.50	3.50	0.20	10.50		
				1x1	15.00	3.75	3.63	0.20	10.88		
				1x1	15.00	3.75	3.75	0.20	11.25		
				1x1	25.00	5.00	4.38	0.20	21.88		
			Culvert at Basavasamithi	2	7		2.00	1.20	33.6		
									1887.91	81.23	**153354.56**
	Removing B.S Slab of Drain and stacking **Page No. 25 / Item No. 5.32 / PWD SR 2015-16**	Sqm									
			Vidyaranyapura Last bus stop to Durga temple Joining Road	2x9	30.00			0.90	486.00		
				2	29.30						
			2nd 'A' cross	2x1	0.00						
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	7.20			1.35	19.44		
			2nd 'B' cross	2x1	0.00						
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	18.00			1.35	48.60		
			2nd 'C' cross	2x1	0.00						
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	15.50			1.35	41.85		
			2nd 'D' cross	2x1	0.00						

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	18.00			1.35	48.60		
			2nd cross road(rightside)	2x1	0.00			1.35			
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	2.80			1.35	7.56		
			2nd cross road(lefttside)	2x1	0.00			1.35			
				2x1	30.00			1.35	81.00		
				2x1	15.30			1.35	41.31		
			Basavasamithi Main Road L/S	9	30.00			1.35	364.50		
				1	18.00			1.35	24.30		
			LG Enclave								
			1st cross	2x1	0.00						
				2x1	30.00			1.35	81.00		
				2x1	23.00			1.35	62.10		
			2nd cross	2x1	0.00						
				2x1	30.00			1.35	81.00		
				2x1	20.70			1.35	55.89		
			3rd cross	2x1	0.00			1.35	0.00		
				2x1	30.00			1.35	81.00		
				2x1	27.50			1.35	74.25		
			Main road	2x1	0.00			1.35	0.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	30.00			1.35	81.00		
				2x1	28.10			1.35	75.87		
			Ganesha Layout Main Road	2x9	30.00			1.35	729.00		
				2	29.30			1.35	79.11		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
	Total Qty								**4021.38**		
	Qty upto 125%								**961.2**	62.24	**59825.09**
	Qty Above 125%								**3060.18**	78.69	**240805.56**
5	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2015-16**	Sqm									
	Total Qty										
	Qty upto 125%								**961.2**	77.01	**74022.01**
	Qty Above 125%								**3060.18**	64.20	**196463.56**
6	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2015-16**	Cum									
			For CC Road Work Thindlu Colony								
			From 1st cross(North side)		0.00	2.70					
				1x1	13.40	2.50	2.60	0.15	5.23		
			1st cross(South side)		0.00	3.30			0.00		
				1x1	15.00	3.30	3.30	0.15	7.43		
				1x1	12.10	2.80	3.05	0.15	5.54		
			2nd cross(South side)		0.00	2.70			0.00		
				1x1	15.00	2.20	2.45	0.15	5.51		
				1x1	10.90	2.30	2.25	0.15	3.68		
			3rd cross(North side)		0.00	3.50			0.00		
				1x1	15.00	3.40	3.45	0.15	7.76		
			3rd cross(South side)		0.00	4.10			0.00		
				1x1	15.00	3.70	3.90	0.15	8.78		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	4.70	3.30	3.50	0.15	2.47		
			4th cross(North side)		0.00	4.10			0.00		
				1x1	19.90	3.30	3.70	0.15	11.04		
				1x1	7.40		1.50	0.15	1.67		
				1x1	5.20		1.10	0.15	0.86		
			4th cross(South side)		0.00	3.70			0.00		
				1x1	20.60	3.40	3.55	0.15	10.97		
				1x1	1.00		2.00	0.15	0.30		
			5th cross(North side)		0.00	3.90			0.00		
				1x1	23.40	4.00	3.95	0.15	13.86		
			5th cross(South side)		0.00	4.00			0.00		
				1x1	30.50	2.85	3.43	0.15	15.67		
			6th cross(North side)		0.00	5.50			0.00		
				1x1	26.60	3.30	4.40	0.15	17.56		
			6th cross(South side)		0.00	4.40			0.00		
				1x1	28.00	2.70	3.55	0.15	14.91		
					1.00		2.00	0.15	0.30		
			7th cross(North side)		0.00	3.00			0.00		
				1x1	30.00	3.70	3.35	0.15	15.08		
			7th cross(South side)		0.00	2.70			0.00		
				1x1	15.70	2.50	2.60	0.15	6.12		
			8th cross(North side)		0.00	3.30			0.00		
				1x1	30.30	3.30	3.30	0.15	15.00		
			8th cross(South side)		0.00	4.00			0.00		
				1x1	17.90	3.00	3.50	0.15	9.40		
			9th cross(North side)		0.00	3.50			0.00		
				1x1	19.90	2.80	3.15	0.15	9.40		
			9th cross(South side)		0.00	4.30			0.00		
				1x1	27.00	3.70	4.00	0.15	16.20		
			COLONY MAIN ROAD						0.00		
					0.00	3.70			0.00		
				1x1	14.00	3.70	3.70	0.15	7.77		
					0.00	4.00			0.00		
				1x1	16.00	4.00	4.00	0.15	9.60		
				1x1	15.00	3.50	3.75	0.15	8.44		
				1x1	15.00	3.50	3.50	0.15	7.88		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	15.00	3.50	3.50	0.15	7.88		
				1x1	15.00	3.75	3.63	0.15	8.16		
				1x1	15.00	3.75	3.75	0.15	8.44		
				1x1	25.00	5.00	4.38	0.15	16.41		
			Basavasamithi 2nd Cross R/S CC Drain	3	30.00		1.00	0.15	13.5		
			Culvert at Basavasmithi	2	7.00		2.00	0.15	4.2		
									296.97	4952.96	**1470900.96**
7	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 **Page No. 23 / Item No. 5.6 / PWD SR 2015-16**	Cum									
			Basavasamithi Main Road	2x2	7.00		0.60	1.00	16.80	4039.38	**67861.58**
8	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing	Sqm									
			Basavasamithi Main Road	2x2	7.00			1.00	28.00	93.89	**2628.92**

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
9	KSRB-4-1.1 : Providing and laying in position plain cement concrete of **mix 1:2:4 with OPC cement @ 240 kgs with 40mm** and down size graded granite metal coarse aggregares @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, **No. 12 / Item No. 4.1 / PWD SR 2015-16**	Cum									
			Main Road Basavasamithi	2x8	30.00		0.20	0.10	9.60		
			Basavasamithi Culvert								
			Coping for CDs	2	7.00		2.00	0.10	2.80		
			Ramp for CDs	2x2	7.00		1.00	0.15	4.20		
									16.60	5363.34	**89031.44**
10	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 25 / Item No. 5.27 / PWD SR 2015-16**	Sqm									
			Basavasamithi Main Road	2x8	30.00			0.4	**192.00**	994.81	**191003.52**

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
1	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **Page No. 13 / Item No. 4.11 / PWD SR 2015-16**	Cum								
			Basavasmithi 2nd Cross	1	30.00		1.00	0.15	4.50		
				1	30.00		1.00	0.15	4.50		
				1	30.00		1.00	0.15	4.50		
			Side Wall	2	30.00		0.15	0.60	5.40		
				2	30.00		0.15	0.65	5.85		
				2	30.00		0.15	0.65	5.85		
			Thindlu Govt Hospital to GKVK Double Road	2x9	30.00		0.60	0.15	48.60		
				2	20.00		0.60	0.15	3.60		
			Side Wall Raising N/S	4	30.00		0.15	0.15	2.70		
				4	30.00		0.15	0.15	2.70		
				4	30.00		0.15	0.30	5.40		
				4	30.00		0.15	0.30	5.40		
				2	30.00		0.15	0.45	4.05		
				2	20.00		0.15	0.45	2.70		
			Covering Slab	2x9	30.00		0.90	0.10	48.60		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				2	20.00		0.90	0.10	3.60		
			Basavasamithi Main Road R/S	8	30.00		0.90	0.10	21.60		
			Culvert Covering Slab	2	7.00		1.80	0.25	6.30		
									185.85	6054.32	**1125195.37**
12	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2015-16**	Cum	**For CC Road Work Thindlu Colony**								
			From 1st cross(North side)		0.00	2.70					
				1x1	13.40	2.50	2.60	0.125	4.36		
			1st cross(South side)		0.00	3.30			0.00		
				1x1	15.00	3.30	3.30	0.125	6.19		
				1x1	12.10	2.80	3.05	0.125	4.61		
			2nd cross(South side)		0.00	2.70			0.00		
				1x1	15.00	2.20	2.45	0.125	4.59		
				1x1	10.90	2.30	2.25	0.125	3.07		
			3rd cross(North side)		0.00	3.50			0.00		
				1x1	15.00	3.40	3.45	0.125	6.47		
			3rd cross(South side)		0.00	4.10			0.00		
				1x1	15.00	3.70	3.90	0.125	7.31		
				1x1	4.70	3.30	3.50	0.125	2.06		
			4th cross(North side)		0.00	4.10			0.00		
				1x1	19.90	3.30	3.70	0.100	7.36		
				1x1	7.40		1.50	0.100	1.11		
				1x1	5.20		1.10	0.100	0.57		
			4th cross(South side)		0.00	3.70			0.00		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	20.60	3.40	3.55	0.125	9.14		
				1x1	1.00		2.00	0.125	0.25		
			5th cross(North side)		0.00	3.90			0.00		
				1x1	23.40	4.00	3.95	0.125	11.55		
			5th cross(South side)		0.00	4.00			0.00		
				1x1	30.50	2.85	3.43	0.125	13.06		
			6th cross(North side)		0.00	5.50			0.00		
				1x1	26.60	3.30	4.40	0.125	14.63		
			6th cross(South side)		0.00	4.40			0.00		
				1x1	28.00	2.70	3.55	0.125	12.43		
					1.00		2.00	0.125	0.25		
			7th cross(North side)		0.00	3.00			0.00		
				1x1	30.00	3.70	3.35	0.125	12.56		
			7th cross(South side)		0.00	2.70			0.00		
				1x1	15.70	2.50	2.60	0.100	4.08		
			8th cross(North side)		0.00	3.30			0.00		
				1x1	30.30	3.30	3.30	0.125	12.50		
			8th cross(South side)		0.00	4.00			0.00		
				1x1	17.90	3.00	3.50	0.125	7.83		
			9th cross(North side)		0.00	3.50			0.00		
				1x1	19.90	2.80	3.15	0.125	7.84		
			9th cross(South side)		0.00	4.30			0.00		
				1x1	27.00	3.70	4.00	0.125	13.50		
			COLONY MAIN ROAD						0.00		
					0.00	3.70			0.00		
				1x1	14.00	3.70	3.70	0.125	6.48		
					0.00	4.00			0.00		
				1x1	16.00	4.00	4.00	0.125	8.00		
				1x1	15.00	3.50	3.75	0.125	7.03		
				1x1	15.00	3.50	3.50	0.125	6.56		
				1x1	15.00	3.50	3.50	0.125	6.56		
				1x1	15.00	3.75	3.63	0.125	6.80		
				1x1	15.00	3.75	3.75	0.125	7.03		
				1x1	25.00	5.00	4.38	0.125	13.67		
									229.45		
									212.12	6185.14	**1311991.90**

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
									17.33	6087.16	**105470.32**
13	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **174 / Item No. 22.7 / PWD SR 2015-16**	Sqm									
			For CC Road Work Thindlu Colony								
			3rd cross(North side)		0.00	3.50			0.00		
				1x1	15.00	3.40	3.45		51.75		
			3rd cross(South side)		0.00	4.10			0.00		
				1x1	15.00	3.70	3.90		58.50		
				1x1	4.70	3.30	3.50		16.45		
			4th cross(North side)		0.00	4.10			0.00		
				1x1	19.90	3.30	3.70		73.63		
				1x1	7.40		1.50		11.10		
				1x1	5.20		1.10		5.72		
			4th cross(South side)		0.00	3.70			0.00		
				1x1	20.60	3.40	3.55		73.13		
				1x1	1.00		2.00		2.00		
			5th cross(North side)		0.00	3.90			0.00		
				1x1	23.40	4.00	3.95		92.43		
			5th cross(South side)		0.00	4.00			0.00		
				1x1	30.50	2.85	3.43		104.46		
			6th cross(North side)		0.00	5.50			0.00		
				1x1	26.60	3.30	4.40		117.04		
			6th cross(South side)		0.00	4.40			0.00		
				1x1	28.00	2.70	3.55		99.40		
					1.00		2.00		2.00		
			8th cross(North side)		0.00	3.30			0.00		
				1x1	30.30	3.30	3.30		99.99		
			8th cross(South side)		0.00	4.00			0.00		
				1x1	17.90	3.00	3.50		62.65		
			9th cross(North side)		0.00	3.50			0.00		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
				1x1	19.90	2.80	3.15		62.69		
			9th cross(South side)		0.00	4.30			0.00		
				1x1	27.00	3.70	4.00		108.00		
			COLONY MAIN ROAD						0.00		
					0.00	3.70			0.00		
				1x1	14.00	3.70	3.70		51.80		
					0.00	4.00			0.00		
				1x1	16.00	4.00	4.00		64.00		
				1x1	15.00	3.50	3.75		56.25		
				1x1	15.00	3.50	3.50		52.50		
				1x1	15.00	3.50	3.50		52.50		
				1x1	15.00	3.75	3.63		54.38		
				1x1	15.00	3.75	3.75		56.25		
				1x1	25.00	5.00	4.38		109.38		
									1537.99	94.94	**146016.53**
14	Providing groove cutting for **cement pavement** wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarsm and filler metal etc including of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications **Page No. 175 / Item No. 22.8.1 / PWD SR 2015-16**	Rmt									
			1st cross S/S	3	3.70				11.10		
			2nd cross S/S	3	3.20				9.60		
			3rd cross S/S	3	3.20				9.60		
			4th cross S/S	3	3.20				9.60		
			5th cross S/S	2	3.30				6.60		
			6th cross S/S	2	3.40				6.80		
			7th cross S/S	2	3.30				6.60		
			9th cross S/S	1	2.50				2.50		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
			1st cross N/S	2	2.70				5.40		
			2nd cross N/S	2	3.00				6.00		
			3rd cross N/S	2	2.40				4.80		
			4th cross N/S	2	3.70				7.40		
			5th cross N/S	3	2.50				7.50		
			6th cross N/S	2	3.00				6.00		
			7th cross N/S	2	3.00				6.00		
			8th cross N/S	3	2.40				7.20		
			9th cross N/S	3	2.70				8.10		
									120.80	121.32	**14655.46**
15	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 10 cms thick **Page No. 25 / Item No. 5.31.2 / PWD SR 2015-16**	Sqm									
			For Covering Slab		18	3.00		0.60	32.40		
			Missing Slab		2	30.00		1.35	81.00		
					2	20.00		1.35	54.00		
					2	30.00		1.35	81.00		
					2	9.00		1.35	24.30		
					1	30.00		1.35	40.50		
					1	5.00		1.35	6.75		
			LG Enclave Main Road		1	25.00		1.35	33.75		
					1	13.00		1.35	17.55		
									371.25		
									40.50	776.44	**31446.00**
									330.75	650.24	**215067.00**
16	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 **Page No. 24 / Item No. 5.22 / PWD SR 2015-16**	m									
			Basavasamithi								
				90	2.40				**216.00**	34.81	**7518.96**

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
17	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5-1.13 **Page No. 24 / Item No. 5.18/ PWD SR 2015-16**	Sqm							**32.40**	903.03	**29258.17**
18	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500 Page No. 17 / Item No. 4.46.2 / PWD SR 2015-16**	Tonne							11.15	68186.31	**760345.54**
19	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(P.15 / I.4.31 PWD SR - 2015-16)**	Sqm	3rd cross(North side)		0.00						
				2x1	15.00			0.30	9.00		
			3rd cross(South side)		0.00						
				2x1	15.00			0.30	9.00		
				2x1	4.70			0.30	2.82		

Sl. No	Full description,etc,of work	Unit		Number	Length	Breadth	Av Breadth	Depth	Quantity	Rate	Amount
			4th cross(North side)		0.00						
				2x1	19.90			0.30	11.94		
				2x1	7.40			0.30	4.44		
				2x1	5.20			0.30	3.12		
			4th cross(South side)		0.00						
				2x1	20.60			0.30	12.36		
				2x1	1.00			0.30	0.60		
			5th cross(North side)		0.00						
				2x1	23.40			0.30	14.04		
			5th cross(South side)		0.00						
				2x1	30.50			0.30	18.30		
			6th cross(North side)		0.00						
				2x1	26.60			0.30	15.96		
			6th cross(South side)		0.00						
				2x1	28.00			0.30	16.80		
					1.00			0.30	0.60		
			8th cross(North side)		0.00						
				2x1	30.30			0.30	18.18		
			8th cross(South side)		0.00						
				2x1	17.90			0.30	10.74		
			9th cross(North side)		0.00						
				2x1	19.90			0.30	11.94		
			9th cross(South side)		0.00						
				2x1	27.00			0.30	16.20		
			COLONY MAIN ROAD								
					0.00						
				2x1	14.00			0.30	8.40		
					0.00						
				2x1	16.00			0.30	9.60		
				2x1	15.00			0.30	9.00		
				2x1	15.00			0.30	9.00		
				2x1	15.00			0.30	9.00		
				2x1	15.00			0.30	9.00		
				2x1	15.00			0.30	9.00		
				2x1	25.00			0.30	15.00		
			For RCC Drain	4	90.00			0.60	216.00		